

Abstract of the Disclosure

A female coupler for a fueling structure includes a body, an oil seal with an annular wing, and a sealing member. A flange is formed on an inner periphery of the body and located adjacent to an open end of the body. An annular wall projects from a bottom wall of the sealing member. The oil seal is mounted inside the annular wall and includes an annular wing on a face thereof. The annular wing includes a top face and a bottom face. The top face and the bottom face of the oil seal are respectively pressed against by the annular wall of the sealing member and the flange of the body. A whole annular face of the open end of the body and the bottom wall of the sealing member are welded together by ultrasonic welding, providing dual leakage prevention.